

What is claimed is:

1. A portable radio terminal device for radio communication by using an antenna provided in a housing capable of being held by one hand, wherein:

s first antenna disposed in a lower part of the housing and a second antenna disposed in a lower part of the housing for radio communication, are provided and selectively switched one over to the other for use.

2. The portable radio terminal device according to claim 1, wherein the housing is of a foldable type comprising an upper and a lower housing hinged together by a hinge part, the first and second antennas are disposed in the lower and upper housings, respectively.

3. The portable radio terminal device according to one of claims 1 or 2, wherein the first or the second antenna is predetermined to be a normally used antenna.

4. The portable radio terminal device according to claim 3, wherein a sensor for sensing that the normally used first antenna or the second antenna is covered with a hand is provided, the antenna in use being switched over to the other antenna in response to the output of a detection signal from the sensor.

5. The portable radio terminal device according to claim 4, wherein the sensor is a touch sensor.

6. The portable radio terminal device according to claim 4, wherein the sensor is an optical sensor.

7. The portable radio terminal device according to one of claims 4 and 5, wherein a plurality of sensors are used to sense the covering of the antenna.

8. The portable radio terminal device according to claim 4, wherein the sensor is an impedance change detecting means for detecting a change in the impedance of the antenna.

9. A portable radio terminal device comprising:  
a plurality of antennas separately provided;  
a detector for detecting the deterioration of antenna characteristic; and

a switch for switching, on the basis of the detected result, the operation from the deteriorated antenna to the own portable radio terminal device.

10. The portable radio terminal device according to claim 9, wherein the portable radio terminal device is a foldable type including a first housing provided with a first antenna and a second housing provided with a second housing which are hinged together by a hinge part.

11. The portable radio terminal device according

to claim 9 or 10, wherein the detector detects the antenna at least a part of which is covered with a hand or is touched with a head.

12. The portable radio terminal device according to one of claims 9-11, wherein the detector is a touch sensor for detecting the touch of hand or head.

13. The portable radio terminal device according to one of claims 9-11, wherein the detector is an optical sensor sensitive to light change through the hand or head.

14. The portable radio terminal device according to one of claims 9-11, wherein the detector detects an impedance change of the antenna.

15. The portable radio terminal device according to one of claims 1-14, wherein a plurality of detectors are provided.

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